Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 29 Aug 2022 until 23:59 on Tuesday 30 Aug 2022

Forecast Issued on Sunday 28 Aug 2022 at 14:34

Confidence: High for largely settled conditions for the next few days, and also for a transition to more unsettled weather towards the weekend. Low for the details of the transition.

Headline for Monday 29 Aug 2022: Mostly dry but often cloudy.

Mountain weather hazards on Monday 29 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	20%	10%	10%	10%	10%	<05%	<05%

Forecast for Monday 29 Aug 2022

Weather: Mostly cloudy overnight, with some outbreaks of light rain possible, mainly in the north of the Park. Areas of cloud lowering to near the hilltops. Then a largely cloudy morning with limited brighter spells, but cloud lifting above the tops. Dry for most, but an isolated light shower is possible mainly in the east. Cloud breaking up a little through the afternoon, with some sunny spells possibly developing.

Chance of cloud-free hill tops above 600m: 90% becoming 60% during the early hours, then becoming 100% by lunchtime.

Low cloud and visibility: Visibility mostly good with distant hills visible. However, very poor in low cloud covering the hills, bases 500-600m, with nearby landmarks obscured. Moderate in any light rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 29 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 E	9/14 E	11/16 E	13/18 E	13/18 E	13/18 E	12/18 E	14/21 E	15/22 E
300	5/11 NE	7/14 NE	7/13 NE	11/17 E	11/17 NE	12/18 E	9/15 E	8/16 E	8/14 NE
Valley	9/16 E	9/17 E	8/18 E	10/18 E	9/17 E	10/18 E	7/15 E	7/15 E	5/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	12/10	11/9	12/9	13/11	13/10	12/10	11/8	10/7
300	15/15	14/13	14/12	15/13	16/14	16/14	15/14	13/12	12/11
Valley	16/14	14/13	14/13	16/14	18/16	17/15	16/15	14/13	12/11
Freezing Level*	2800m	2700m	2300m	2500m	2500m	2600m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Often cloudy, but moderate UV levels may be possible later in the afternoon as cloud starts to break up a little.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 28 Aug 2022	0mm	2.8mm	2.8mm

Forecast for Tuesday 30 Aug 2022

Weather: Another largely dry day with plenty of sunny spells and cloud mostly above the hilltops. Any patchy low cloud near the tops will be restricted to the early hours. During the evening, some lower cloud and light showers may move westwards to affect mainly eastern parts of the Park.

Maximum wind: Northeasterly 15 mph, gusting 20-25 mph.

Chance of cloud-free hill tops above 600m: 80% at first becoming 100% around dawn, then becoming 40% during the evening.

Low cloud and visibility: Visibility mostly good with distant hills visible. However, very poor in low cloud covering the hills first thing and during the evening, bases 500-600m, with nearby landmarks obscured. Moderate in any light showers.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 10C becoming plus 12C
Freezing level: Above the hills

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